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 Teriparatide anabolic therapy as potential ³ treatment of type II dens non-union fractures

Enrico Pola, Virginia Pambianco, Debora Colangelo, Virginia M Formica, Giovanni Autore, Luigi A Nasto

Abstract

³ Odontoid fractures account for 5% to 15% of all cervical spine injuries and 1% to 2% of all spine fractures. Type II fractures are the most common fracture pattern in elderly patients. Treatment (rigid and non-rigid immobilization, anterior screw fixation of the odontoid and posterior C1-C2 fusion) remains controversial and represents a unique challenge for the treating surgeon. The aims of treatment in the elderly is to quickly restore pre-injury

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1	CrossCheck 75 words D. Pal. "Type II odontoid fractures in the elderly: an evidence-based narrative review of management", European Spine Journal	3%
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... femoral nonunion successfully treated with teriparatide - Giannotti - 被引用次数: 16

... healing of current and new osteoporosis treatments; ... - Goldhahn - 被引用次数: 66

... tissue engineering: PTH therapy for skeletal repair - Takahata - 被引用次数: 39

Delayed Short Course Treatment with Teriparatide (PTH1 ...

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作者: M Takahata - 2012 - 被引用次数: 11 - 相关文章

These findings support the potential use of PTH1-34 as an adjuvant therapy for massive ... by non-union (27-34%), late graft fracture (24-27%), and infection (9-16%). ... healing is greater than that of anabolic therapy for generalized osteopenia. Gene-specific primers of type II collagen (col1a1), type X collagen (colXa1), ...

Successful treatment of nonunion with teriparatide after ...

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作者: K Tamai - 2013 - 被引用次数: 12 - 相关文章

2013年5月7日 - We describe a case of successful treatment to nonunion after ...

Keywords: Bone healing, Charcot arthropathy, Fracture, Nonunion, Teriparatide, Type I ...

From 2 weeks after the initiation of teriparatide therapy, plain ... Teriparatide (rhPTH 1-



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Teriparatide – Indications beyond osteoporosis

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作者: ML Cheng - 2012 - 被引用次数: 11 - 相关文章

Anabolic agents like teriparatide have widened our therapeutic options ... with osteoporosis are not diagnosed with the disease until a fracture occurs. ... Preclinical studies on rat models have looked at the potential of PTH on fracture healing and ... Odontoid fractures: The authors reported patients with type III odontoid ...

Delayed Short Course Treatment with Teriparatide (PTH1-34) - NCBI

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作者: M Takahata - 2012 - 被引用次数: 12 - 相关文章

These findings support the potential use of PTH1-34 as an adjuvant therapy for massive ... by non-union

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... **treatment** of a steroid-induced femoral neck **fracture** ... - Mitani - 被引用次数: 10

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Teriparatide Therapy as an Adjuvant for Tissue Engineering and ...

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作者: RS Dhillon - 2011 - 被引用次数: 6 - 相关文章

2011年6月1日 - Based on its widely studied **anabolic** effects on the bone, we have proposed ...

PTH1-34 **therapy** on bone healing, and discuss this drug's long term **potential**.... The delayed union and **non-union** of **fractures** are the reasons for pain and ... Teriparatide has since found clinical application in **treatment** of both....

Teriparatide – Indications beyond osteoporosis

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作者: ML Cheng - 2012 - 被引用次数: 12 - 相关文章

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